

## LITTLE COLORADO RIVER BASIN

09399250 JACKS CANYON TRIBUTARY NO. 2 NEAR WINSLOW, AZ

LOCATION.--Lat 34°45'56", long 111°00'44", in NE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, sec.19, T.16 N., R.13 E., Coconino County, Hydrologic Unit 15020008, at State Highway 87, 27 mi southwest of Winslow.

DRAINAGE AREA.--31.8 mi<sup>2</sup>.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1963	08-21-63	9,330		1970	00-00-70	0	
1964	00-00-64	0		1971	07-00-71	67	
1965	07-10-65	544		1972	00-00-72	0	
1966	00-00-66	0		1973	10-00-72	2.0	LT
1967	00-00-67	0		1974	00-00-74	0	
1968	00-00-68	0		1975	00-00-75	( <sup>1</sup> )	
1969	00-00-69	0		1979	12-18-78	<sup>2</sup> 67	HP

<sup>1</sup>Discharge unknown.

<sup>2</sup>Highest since 1976.

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

† Reliability of values in column is uncertain, and potential errors are large.

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
71.6	10.8	6,530	71.0	3.0	19.2	2.1	3.3

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09399250 JACKS CANYON TRIBUTARY NO. 2 NEAR WINSLOW, AZ--Continued

